

What is claimed is:

1. A ceramic base material having sintering agents, the base material satisfying the following formula:

$$a/b \leq 1.3,$$

5 where a: the larger of c1 and c2,

b: the smaller of c1 and c2,

c1: the ratio "k" at a main-surface side,

c2: the ratio "k" at the other main-surface side,

$$k = s/m,$$

10 s: the fluorescent X-ray-detected strength of the constituent elements of the sintering agents,

m: the fluorescent X-ray-detected strength of the main-constituent elements.

2. The ceramic base material as defined in claim 1, wherein the ceramic consists mainly of nitride.

15 3. The ceramic base material as defined in claim 2, wherein the ceramic is an aluminum nitride ceramic.

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